



# OPERATIONAL RISK MANAGEMENT MATRIX



Pilot Name: \_\_\_\_\_ Date: \_\_\_\_\_ Mission #: \_\_\_\_\_ A/C #: \_\_\_\_\_ Sortie: \_\_\_\_\_

HAZARD	LOW RISK	PTS.	MODERATE RISK	PTS.	HIGH RISK *	PTS.	VALUE
<b><u>MAN</u> B SUGGESTED VALUES</b>							
Experience / Training	≥ 1,000 hours PIC ≥ 50 hours mission time	0	≥ 250 < 1,000 hours PIC ≥ 25 < 50 hours mission time	10	< 250 hours PIC < 25 hours mission time	20	
Pilot Currency	≥ 10 hours within last 30 days	0	≥ 5 < 10 hours within last 30 days	10	< 5 hours within last 30 days	20	
Health / Crew Rest	Good health and proper crew rest	0	Fair health and /or some signs of fatigue	10	Poor health and / or serious fatigue	No Go	
<b><u>MACHINE</u> B SUGGESTED VALUES</b>							
Maintenance Factors	Fully Functional	0	Partially Non-Functional	15	Fully Non-Functional	No Go	
Performance Factors	> 2,500' < 7,000' AGL search altitude	0	≥ 7,000' AGL search altitude	10	< 2,500' AGL search altitude	25	
A/A & A/G Comms	Good comms and/or high bird available	0	Some blind spots or faulty comms and/or no high bird	10	Poor comms and no high bird	15	
<b><u>MISSION</u> B SUGGESTED VALUES</b>							
Operations Tempo	1 - 2 total search aircraft	0	3 - 4 total search aircraft	10	> 4 total search aircraft	20	
Search Complexity	Simple tasks, no new technology	0	Complex tasks, no new technology	10	Complex tasks, new technology	20	
<b><u>ENVIRONMENT</u> B SUGGESTED VALUES</b>							
Weather (current & forecast, including winds aloft)	Icing: none Ceiling: none Hazards: none Winds: ≤ 5 kts. Visibility: ≥ 6 mi.	0 0 0 0 0	Icing: none Ceiling: ≤ 1,500' Hazards: lite.-mod. Winds: > 5 ≤ 15 kts. Visibility: > 3 < 6 mi.	0 20 10 5 10	Icing: ≥ light Ceiling: < 500' Hazards: mod.-sev. Winds: > 15 kts. Visibility: < 3 mi.	No Go 75 No Go 50 100	
Terrain	Low, flat	0	Foothills / featureless	25	Mountainous	50	
Night Ops			V F R	25	I F R	75	
Airfield	Familiar	0	Unfamiliar	25			
<b><u>ADDITIONAL CIRCUMSTANCES</u> B SUGGESTED VALUES</b>							
CAPF 5 & 91	No forced landings or simulated engine cuts	0	Forced landings and/or simulated engine cuts	50			
Overwater			Within gliding distance of land	50	Outside gliding distance of land	100	
CD Overwater			With immersion suit Water temp < 60° F	75	Without immersion suit Water temp < 60° F	No Go	
<b>TOTAL CALCULATED RISK ASSESSMENT:</b>							
<b>OVERALL RISK ASSESSMENT</b>				<b>Initials</b>		<b>Date / Time</b>	
Low Risk = 0 B 75 <sup>†</sup> FRO / MC / IC						/	
Moderate Risk = 76 B 150 <sup>†</sup> Squadron DO / DOS / CC						/	
High Risk = > 151 <sup>†</sup> Wing DO / DOS / CC						/	
No Go Mission can be rejected by any direct participant at any level						/	

Notes: \* Implement suitable controls for any item in the high range. † Approvals are granted in ascending order of command and only with PIC concurrence. All approvals are optional, based upon local procedures and established Wing policies.